

## CLAIMS

1. A porous cellulose aggregate having a secondary aggregate structure formed by aggregation of primary cellulose particles, the aggregate having a pore volume within a particle of  $0.265 \text{ cm}^3/\text{g}$  to  $2.625 \text{ cm}^3/\text{g}$ , containing type I crystals, and having an average particle size of more than  $30 \text{ }\mu\text{m}$  and  $250 \text{ }\mu\text{m}$  or less, a specific surface area of  $1.3\text{-}20 \text{ m}^2/\text{g}$ , a repose angle of  $25^\circ$  or more and less than  $44^\circ$  and properties to disintegrate in water.
2. The porous cellulose aggregate according to Claim 1, wherein the repose angle is  $25^\circ$  to  $42^\circ$ .
3. The porous cellulose aggregate according to Claim 1 or 2, wherein a breaking load of a tablet obtained by compressing  $0.5 \text{ g}$  of the porous cellulose aggregate at  $20 \text{ MPa}$  is  $165$  to  $410 \text{ N}$ .
4. The porous cellulose aggregate according to Claim 3, wherein the breaking load is  $200$  to  $410 \text{ N}$  and a disintegration time is  $75$  seconds or less.
5. A process for producing the porous cellulose aggregate according to any one of Claims 1 to 4, comprising a step of drying a dispersion containing two or more groups of primary cellulose particles having different average particle sizes and a liquid medium wherein the cellulose dispersion particles have an average particle size of  $1$  to  $110 \text{ }\mu\text{m}$ .
6. A molded product composition comprising one or more active ingredients and the porous cellulose

aggregate according to any one of Claims 1 to 4.

7. The molded product composition according to Claim 6 wherein the one active ingredient is a poorly water-soluble active ingredient.

8. The molded product composition according to Claim 6 wherein the one active ingredient is a sublimable active ingredient.

9. A molded product composition comprising one or more active ingredients liquid or semisolid at normal temperature and the porous cellulose aggregate according to any one of Claims 1 to 4.

10. A molded product composition comprising one or more active ingredients finely pulverized to a particle size of 40  $\mu\text{m}$  or less and the porous cellulose aggregate according to any one of Claims 1 to 4.

11. A molded product composition comprising one or more active ingredients finely pulverized to a particle size of 10  $\mu\text{m}$  or less and the porous cellulose aggregate according to any one of Claims 1 to 4.